

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 – 8. (Cancelled)

9. (Currently Amended) Computer equipment relaying transmission of an HTTP request and return of an HTTP response between a terminal and a server; comprising:

HTTP request transfer means for relaying the ~~HTTP request response~~ with a cookie sent from a browser of the terminal to transfer the HTTP request with said cookie to the server as a destination of the HTTP request; and

HTTP response transfer means for receiving the HTTP response returned from the server in response to the HTTP request, deleting a domain described in a Set-Cookie header, rearranging a plurality of components of said domain into an inverse order, embedding the ~~plurality of said rearranged~~ components into a path described in said Set-Cookie header, and transferring the HTTP response with said Set-Cookie header to the terminal, ~~wherein the plurality of components of said domain are separated by a punctuation character, and wherein rearranging the plurality of components of said domain in the inverse order includes exchanging positions of a first and last component of the plurality of components of said domain.~~

10. (Original) The computer equipment according to Claim 9, wherein said HTTP request transfer means specifies a port number of a communication port on the server together with said domain of the server, and transfers the HTTP request to the server.

11. (Original) The computer equipment according to Claim 9, wherein said HTTP response transfer means adds a predetermined fixed-character string to said Set-Cookie header according to the HTTP response, and transfers the HTTP response with said Set-Cookie header to the terminal.

12. (Currently Amended) The computer equipment according to Claim 9, wherein said HTTP response transfer means compiles the ~~plurality of~~ components necessary for identifying said domain when rearranging [[them]] the ~~plurality of components~~ in inverse order, and transfers the HTTP response to the terminal.

13. (Currently Amended) The computer equipment according to Claim 9, wherein said HTTP response transfer means replaces a domain parameter of the server in said Set-Cookie header by its own another server name, and transfers the HTTP response to the terminal.

14. (Currently Amended) A data processing method for relaying data exchanged between first computer equipment and second computer equipment, comprising the steps of:

receiving a response sent from the first computer equipment to the second computer equipment;
determining whether said response includes a Set-Cookie header, wherein said Set-Cookie header includes a domain having a plurality of components, and wherein the plurality of components are separated by a punctuation character;

rewriting said Set-Cookie header when said response includes said Set-Cookie header so that a cookie set on the second computer equipment based on said Set-Cookie header will have a format recognizable by the second computer equipment, wherein rewriting said Set-Cookie header includes exchanging positions of a first and last component of the plurality of components of said domain; and
sending the second computer equipment said response with said rewritten Set-Cookie header.

15. (Currently Amended) A program product in a recordable type medium for controlling computer equipment relaying data exchanged between first computer equipment and second computer equipment to perform predetermined data processing, comprising:

first processing means for receiving a response sent from the first computer equipment to the second computer equipment;

second processing means for rewriting a Set-Cookie header when said response includes said Set-Cookie header so that a cookie set on the second computer equipment based on said Set-Cookie header will have a format recognizable by the second computer equipment, wherein said Set-Cookie header includes a domain having a plurality of components, wherein the plurality of components are separated by a punctuation character, and wherein rewriting said Set-Cookie header includes exchanging positions of a first and last component of the plurality of components of said domain; and

third processing means for sending the second computer equipment said response with said rewritten Set-Cookie header.

16. (Currently Amended) The program product according to Claim 15, wherein during processing in said second processing means for rewriting said Set-Cookie header, a sequence of [[a]] said domain

included in said Set-Cookie header of said response is altered into an inverse order, and a delimiter of said domain is replaced by a predetermined character to generate a path including said domain rearranged into said inverse order.

17. (Currently Amended) The program product according to Claim 15, further comprising means for controlling the first and second computer equipment to rewrite said domain and [[said]] a first path of a link and location included in said response in conformity with [[said]] a second path included in said Set-Cookie header.

18. (Cancelled)

19. (New) The computer equipment according to Claim 9, wherein the last component in the plurality of components comprises a last two components in the plurality of components.

20. (New) The program product according to Claim 15, wherein the last component in the plurality of components comprises a last two components in the plurality of components.